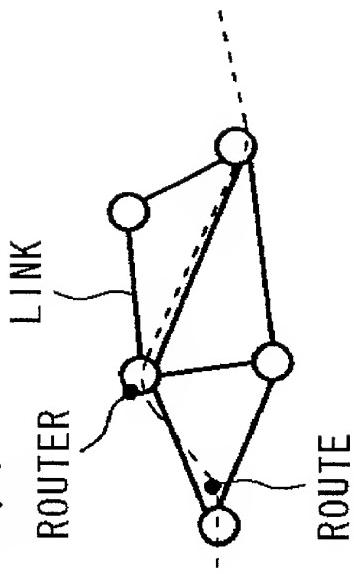
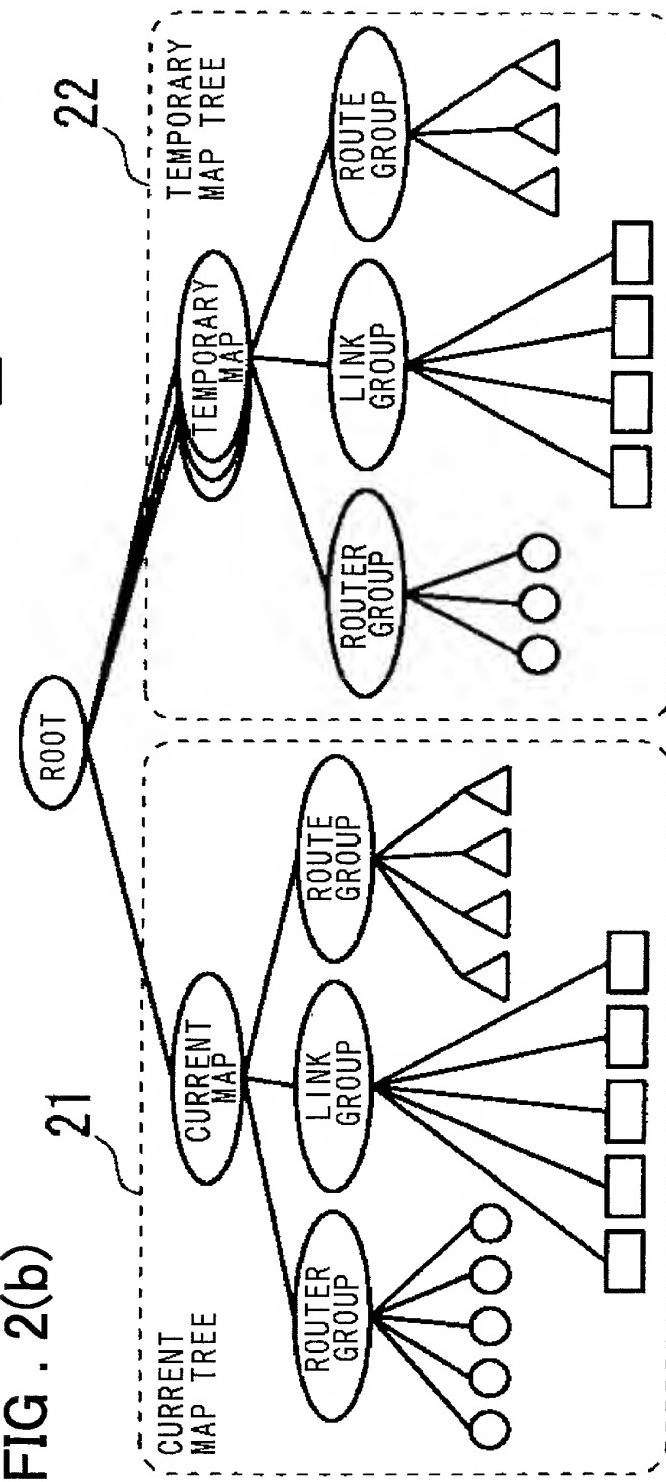


FIG . 2(a)



○ ... ROUTER ENTRY  
□ ... LINK ENTRY  
△ ... ROUTE ENTRY

FIG . 2(b)



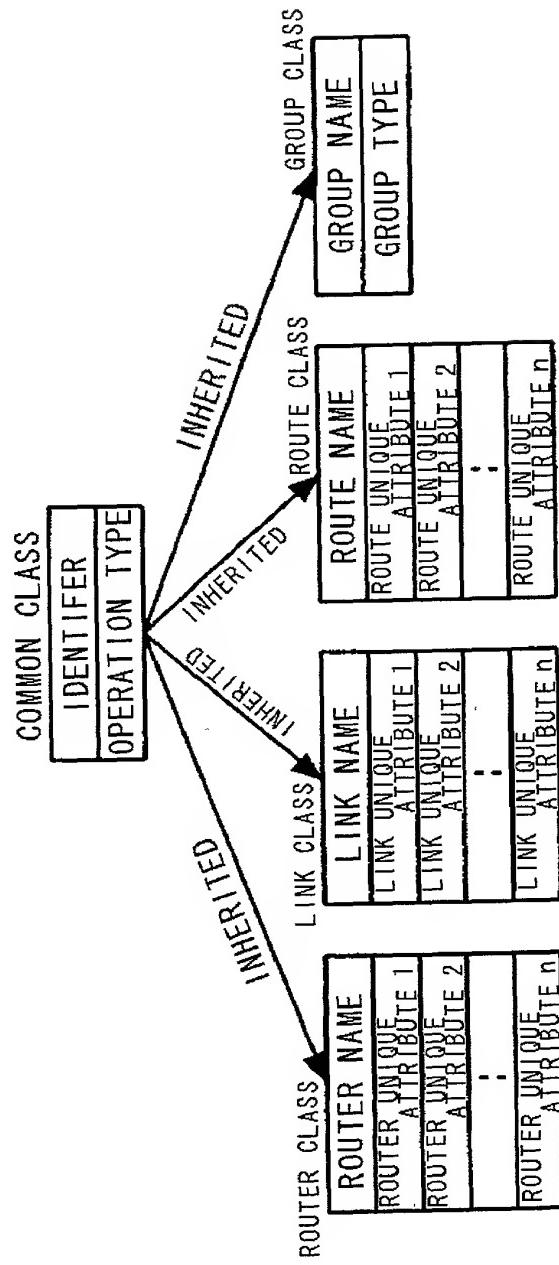
**FIG . 3(a)**  
 CURRENT  
 MAP CLASS

IDENTIFIER
MAP NAME
MAP TYPE
MAP UPDATE TIME

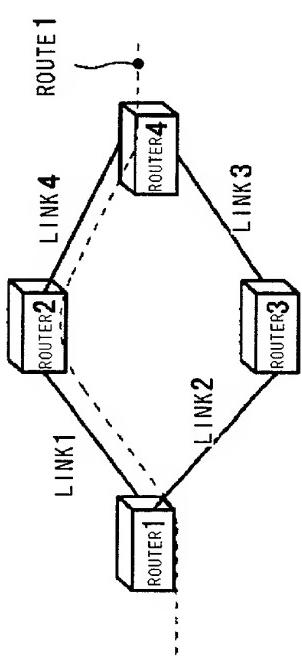
**FIG . 3(b)**  
 TEMPORARY MAP CLASS

IDENTIFIER
MAP NAME
MAP TYPE
MAP AVAILABILITY
TEMPORARY MAP GENERATE TIME
EXPECTED TEMPORARY MAP APPLY TIME
ACTUAL TEMPORARY MAP APPLY TIME

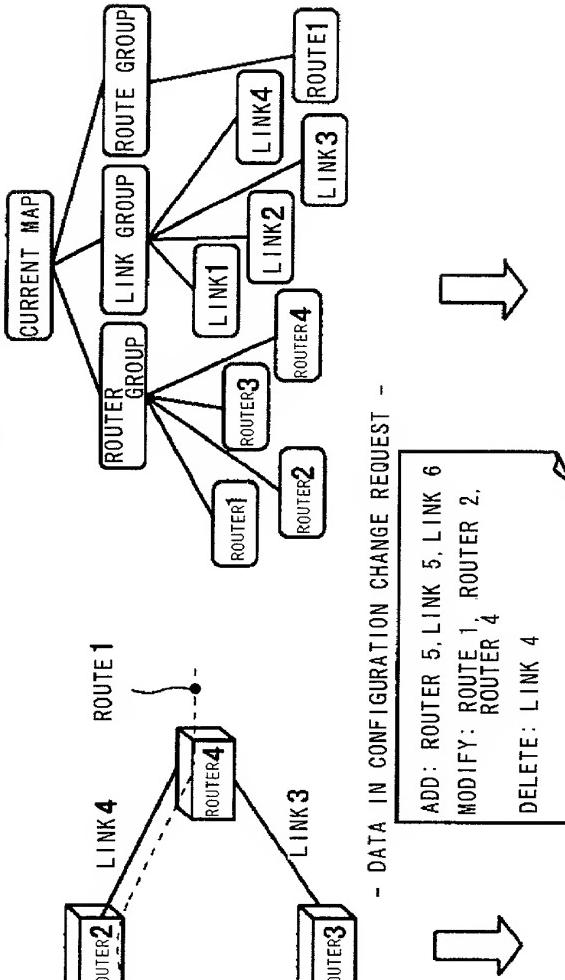
**FIG . 3(c)**  
 DIRECTORY CLASS UNDER MAP



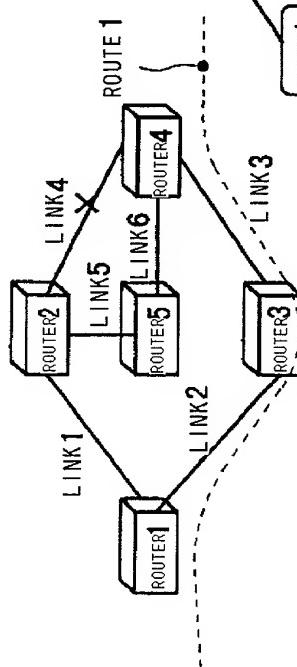
**FIG . 4(a)**



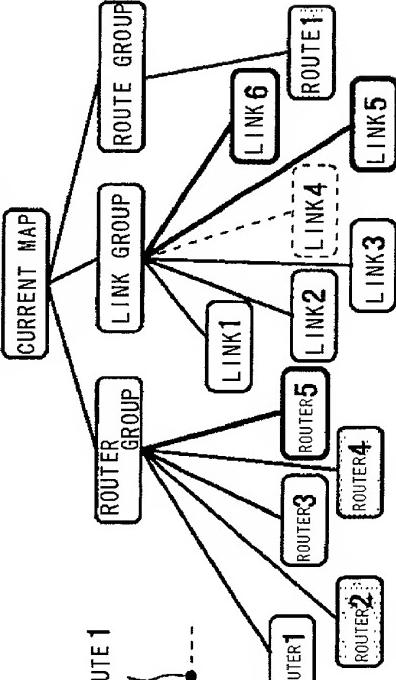
**FIG . 4(b)**



**FIG . 4(c)**



**FIG . 4(d)**



# FIG . 5

ADD : IDENTIFIER= {ROUTER NAME=ROUTER 5, GROUP NAME=ROUTERGROUP, MAP NAME=TEMPORARY MAP 1 }
param 1 = a b c
param 2 = 1 2 3
ADD : IDENTIFIER= {LINK NAME=LINK 5, GROUP NAME=LINKGROUP, MAP NAME=TEMPORARY MAP 1 }
LINK NAME=LINK 5
param 3 = x y z
param 4 = 1 1 1
ADD : IDENTIFIER= {LINK NAME=LINK 6, GROUP NAME=LINKGROUP, MAP NAME=TEMPORARY MAP 1 }
LINK NAME=LINK 6
param 3 = y y y
param 4 = 7 8 9
MODIFY : IDENTIFIER= {ROUTE NAME=ROUTE 1, GROUP NAME=ROUTEGROUP, MAP NAME=TEMPORARY MAP 1 }
ROUTE NAME=ROUTE 1
param 5 = A B C D E
MODIFY : IDENTIFIER= {ROUTER NAME=ROUTER 2, GROUP NAME=ROUTERGROUP, MAP NAME=TEMPORARY MAP 1 }
ROUTER NAME=ROUTER 2
param 1 = b b b
param 2 = 3 4 5
MODIFY : IDENTIFIER= {ROUTER NAME=ROUTER 4, GROUP NAME=ROUTERGROUP, MAP NAME=TEMPORARY MAP 1 }
ROUTER NAME=ROUTER 4
param 1 = c c c
param 2 = 1 1 1
DELETE : IDENTIFIER= {LINK NAME=LINK 4, GROUP NAME=LINKGROUP, MAP NAME=TEMPORARY MAP 1 }

FIG . 6

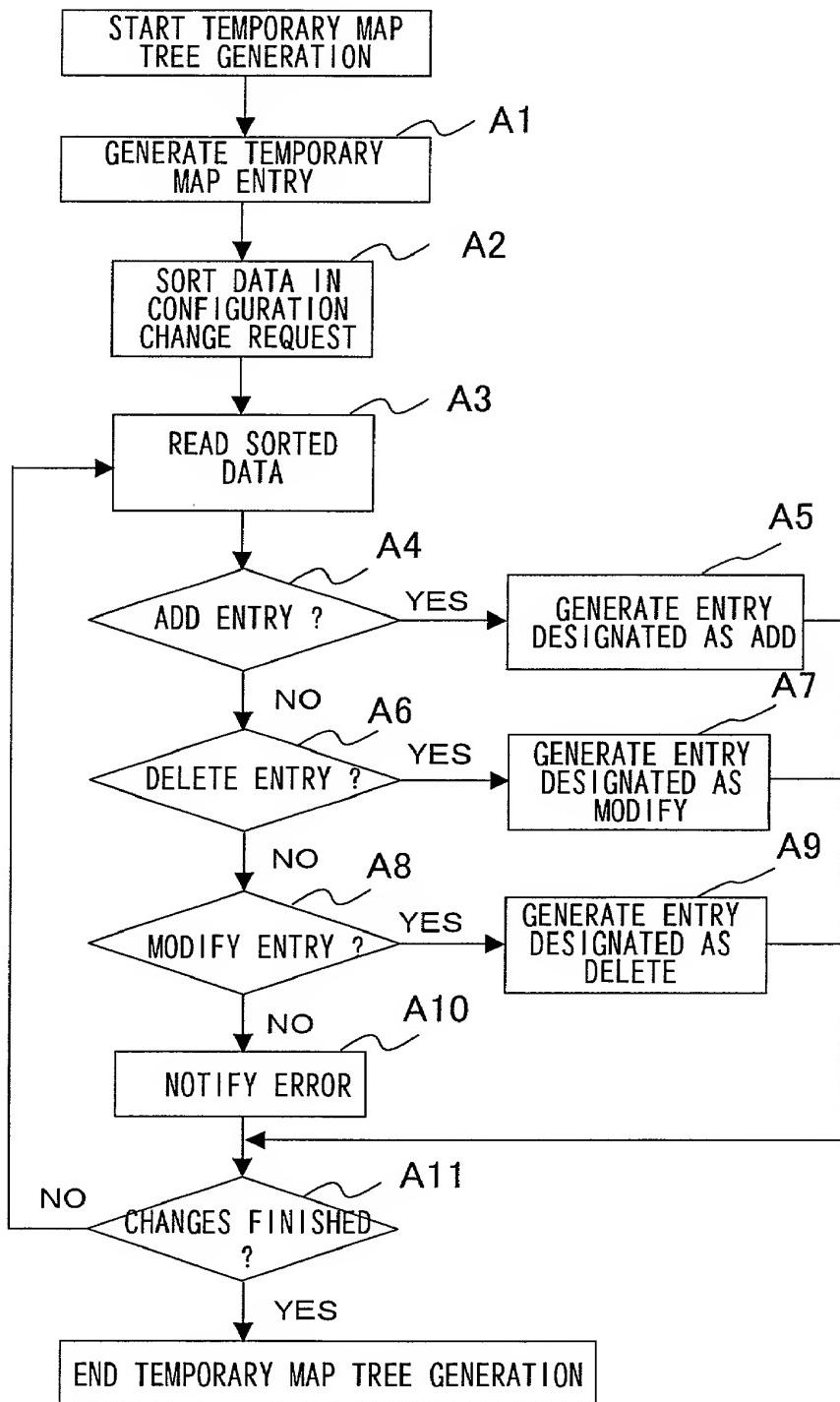


FIG . 7

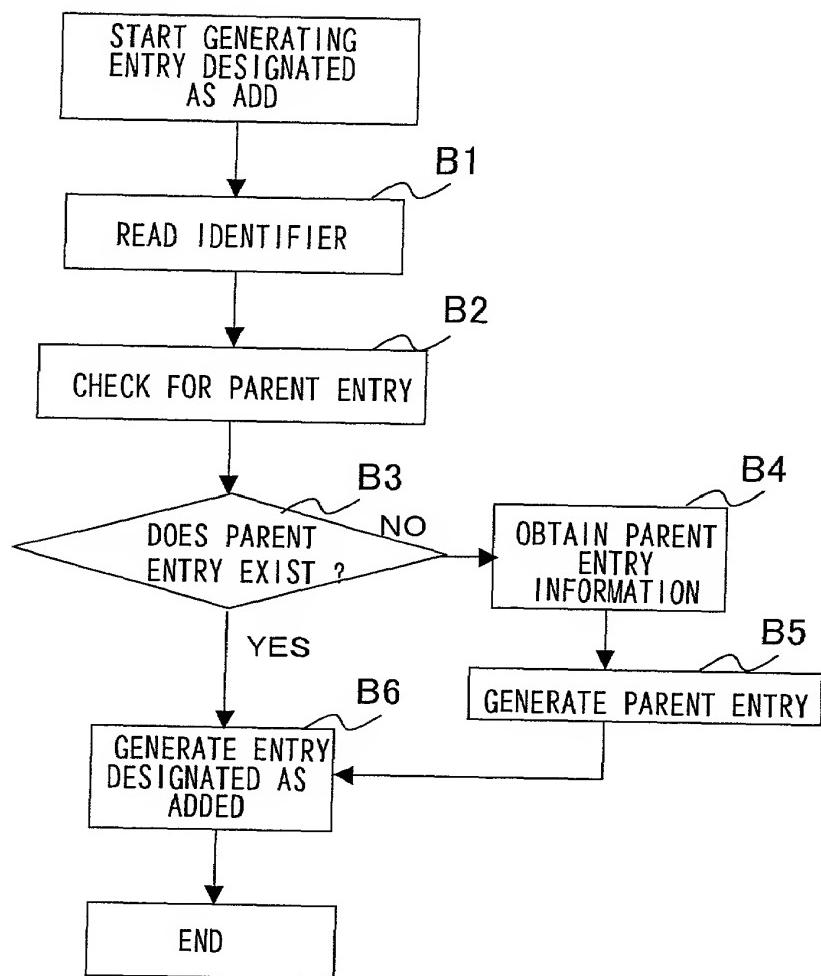


FIG . 8

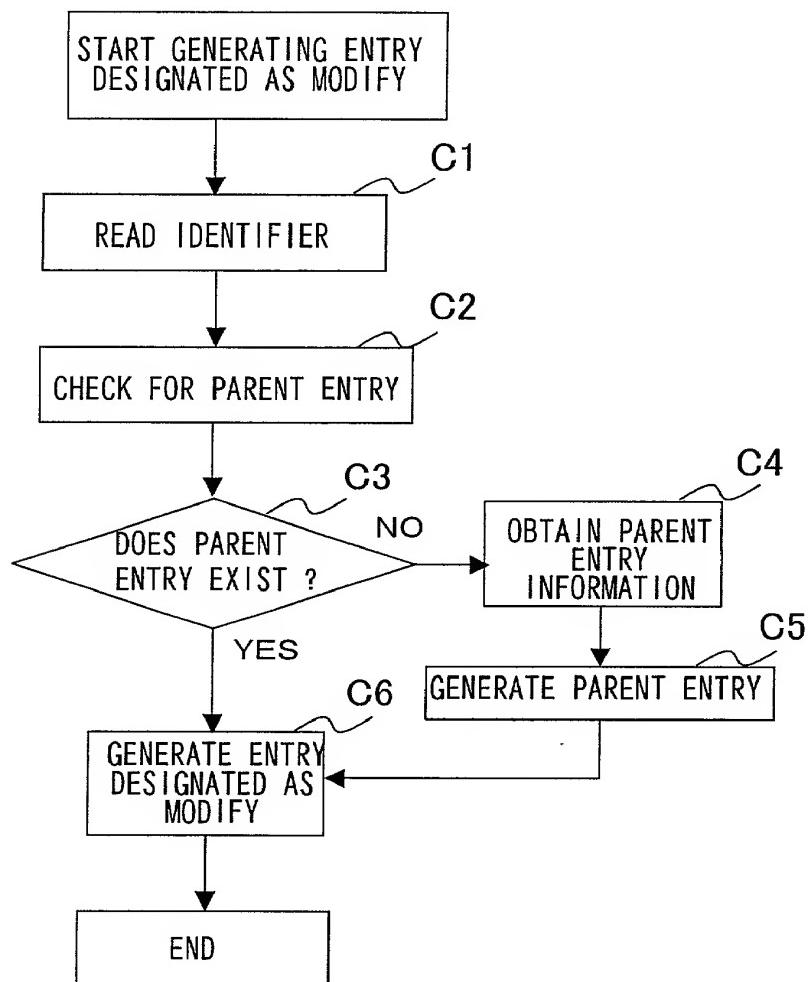


FIG . 9

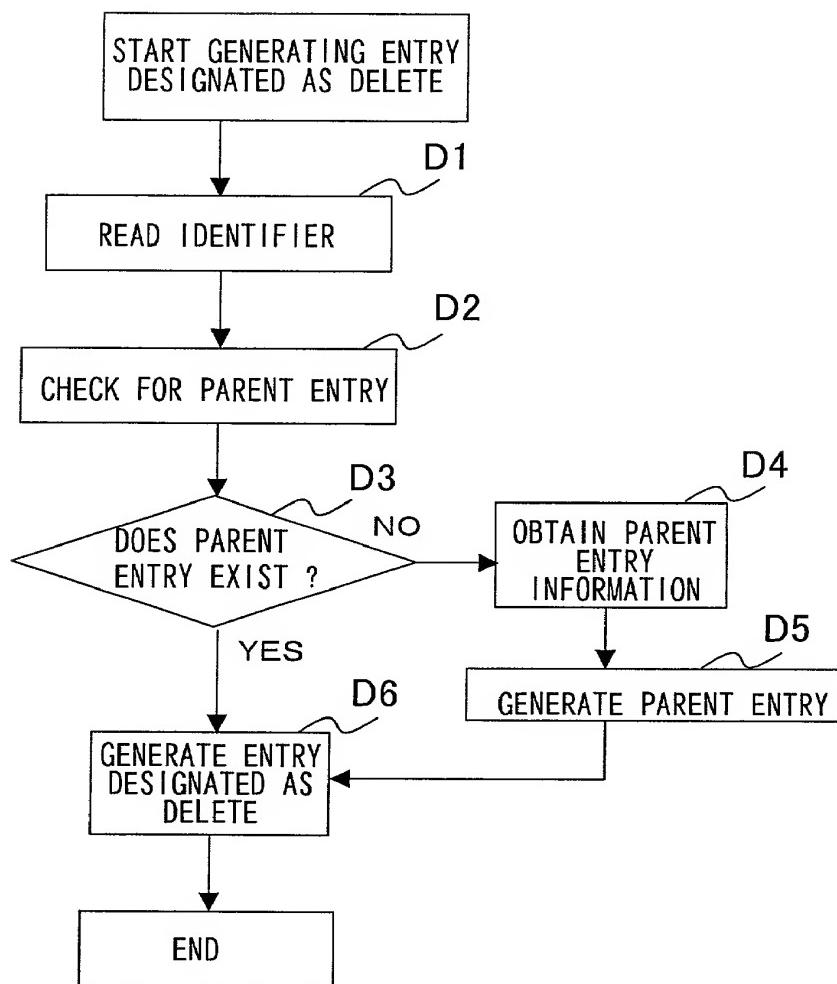


FIG . 10(a)

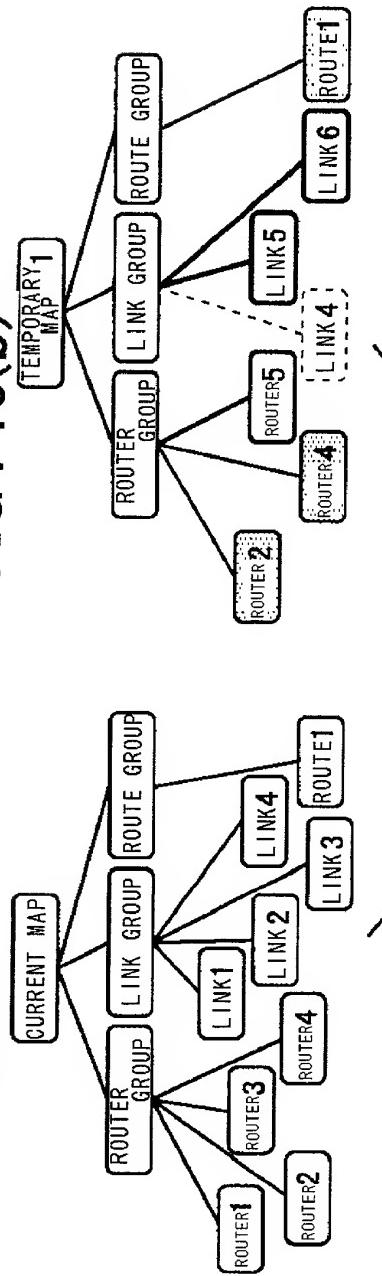


FIG . 10(b)

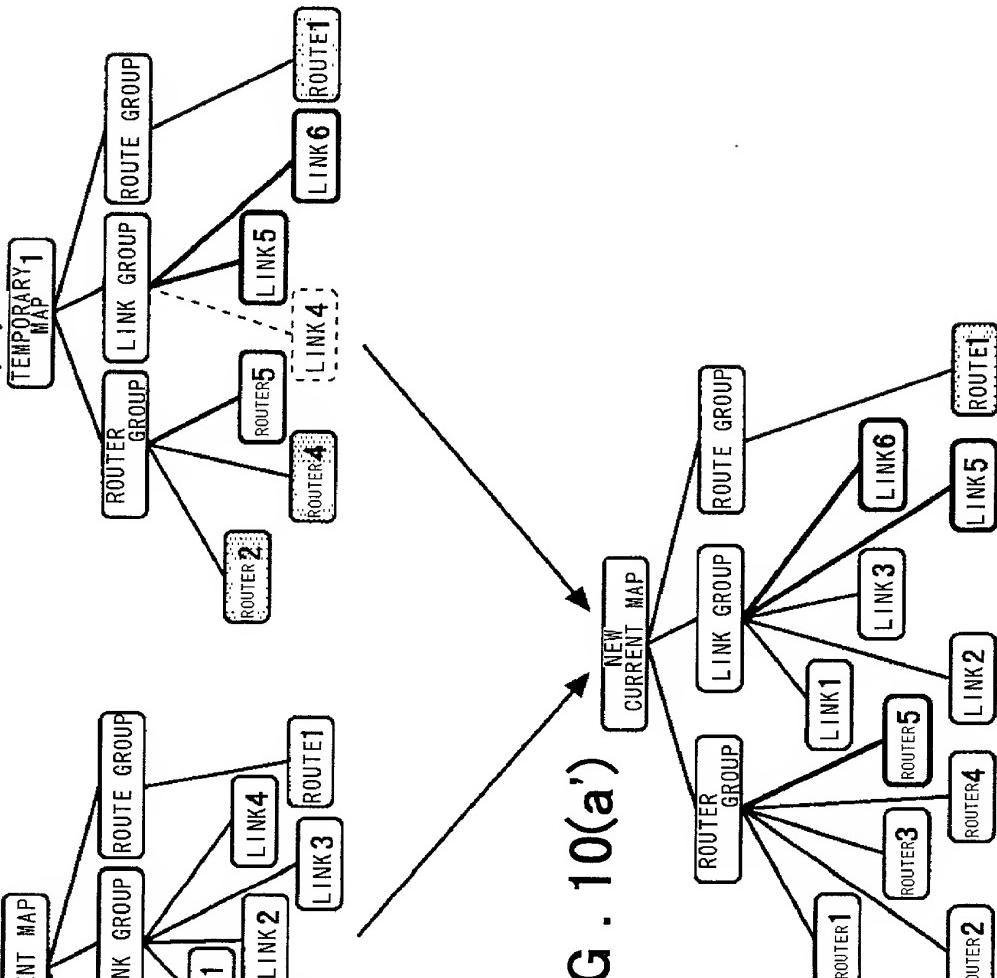


FIG . 10(a')

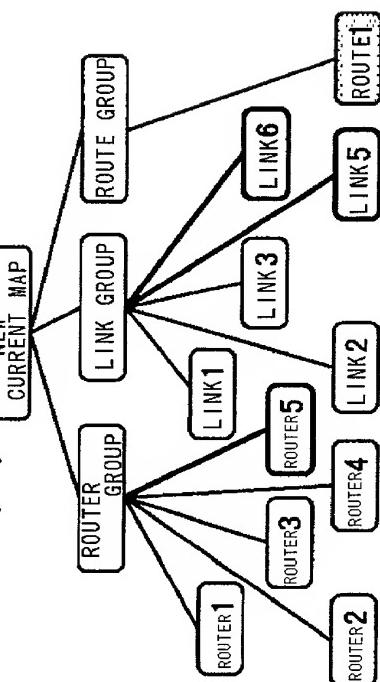
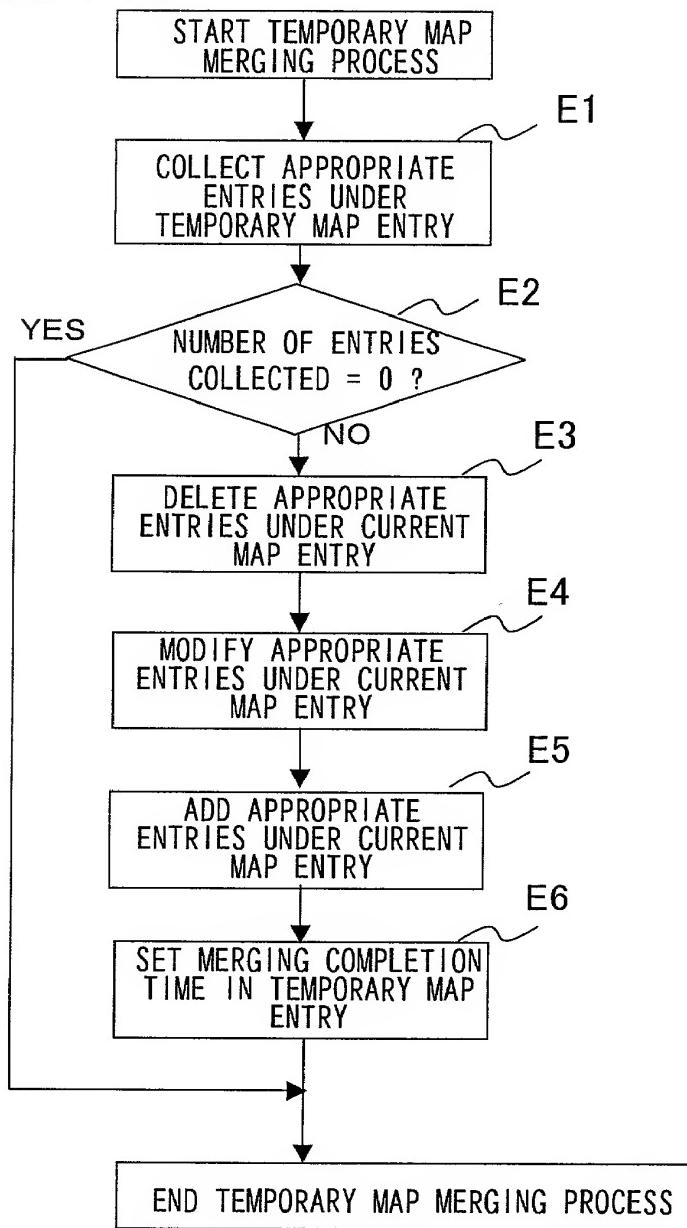
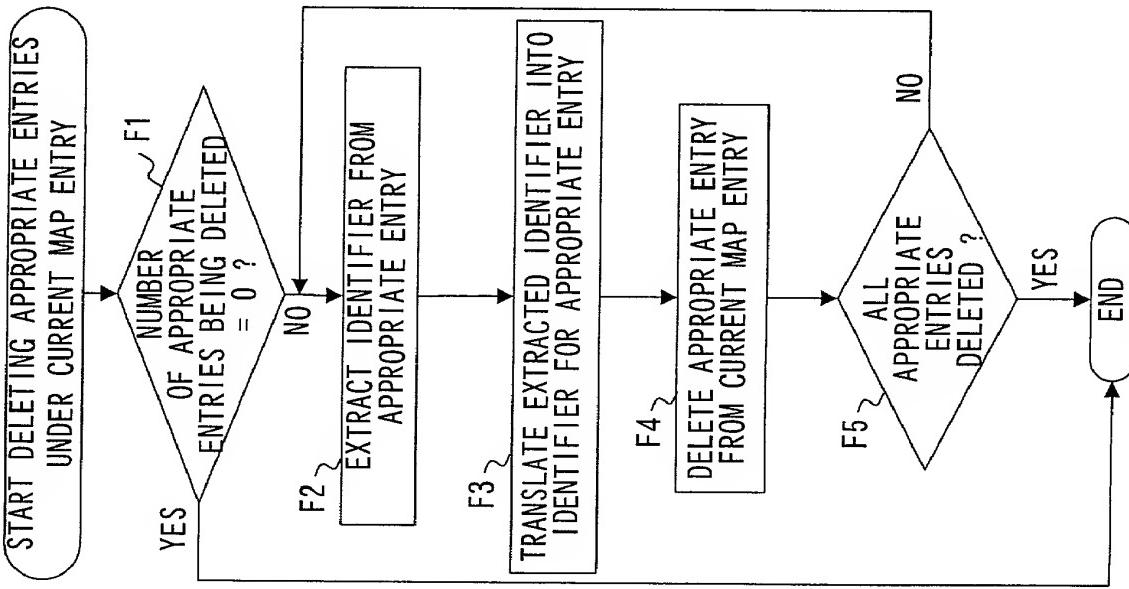


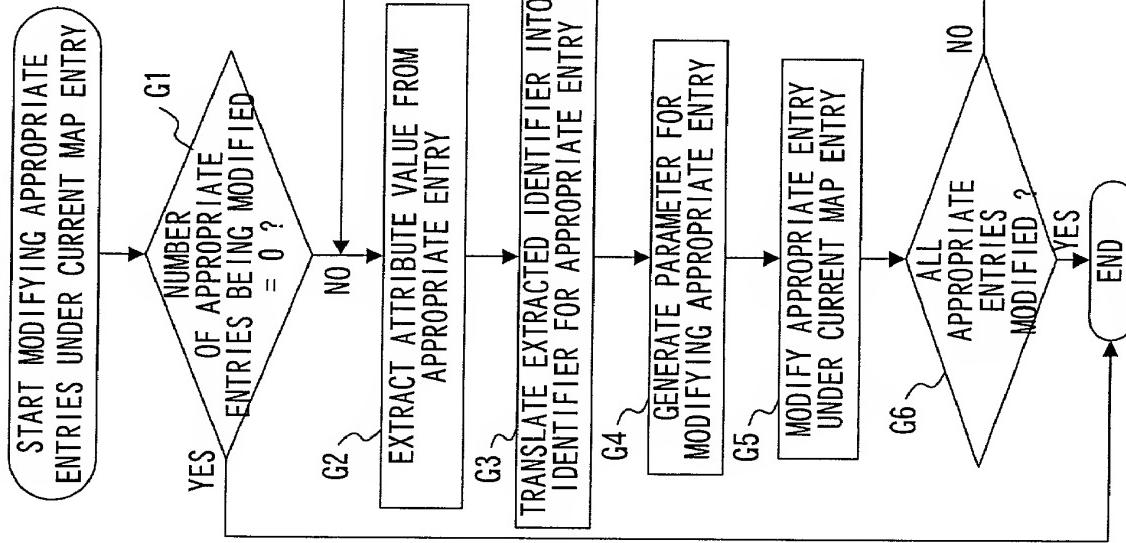
FIG . 11



**FIG . 12(a)**



**FIG . 12(b)**



**FIG . 12(c)**

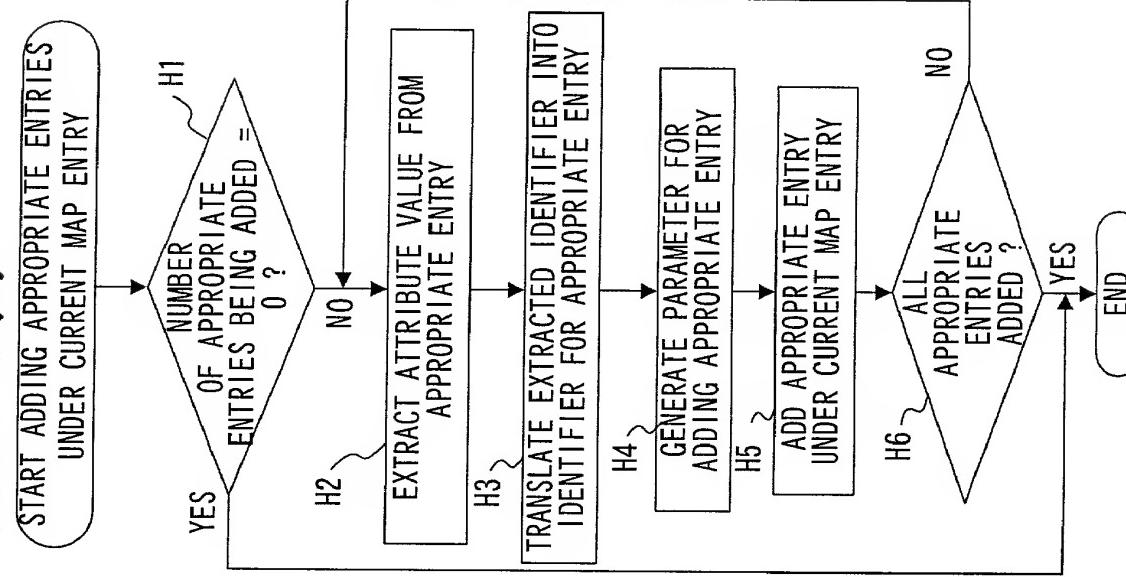


FIG . 13

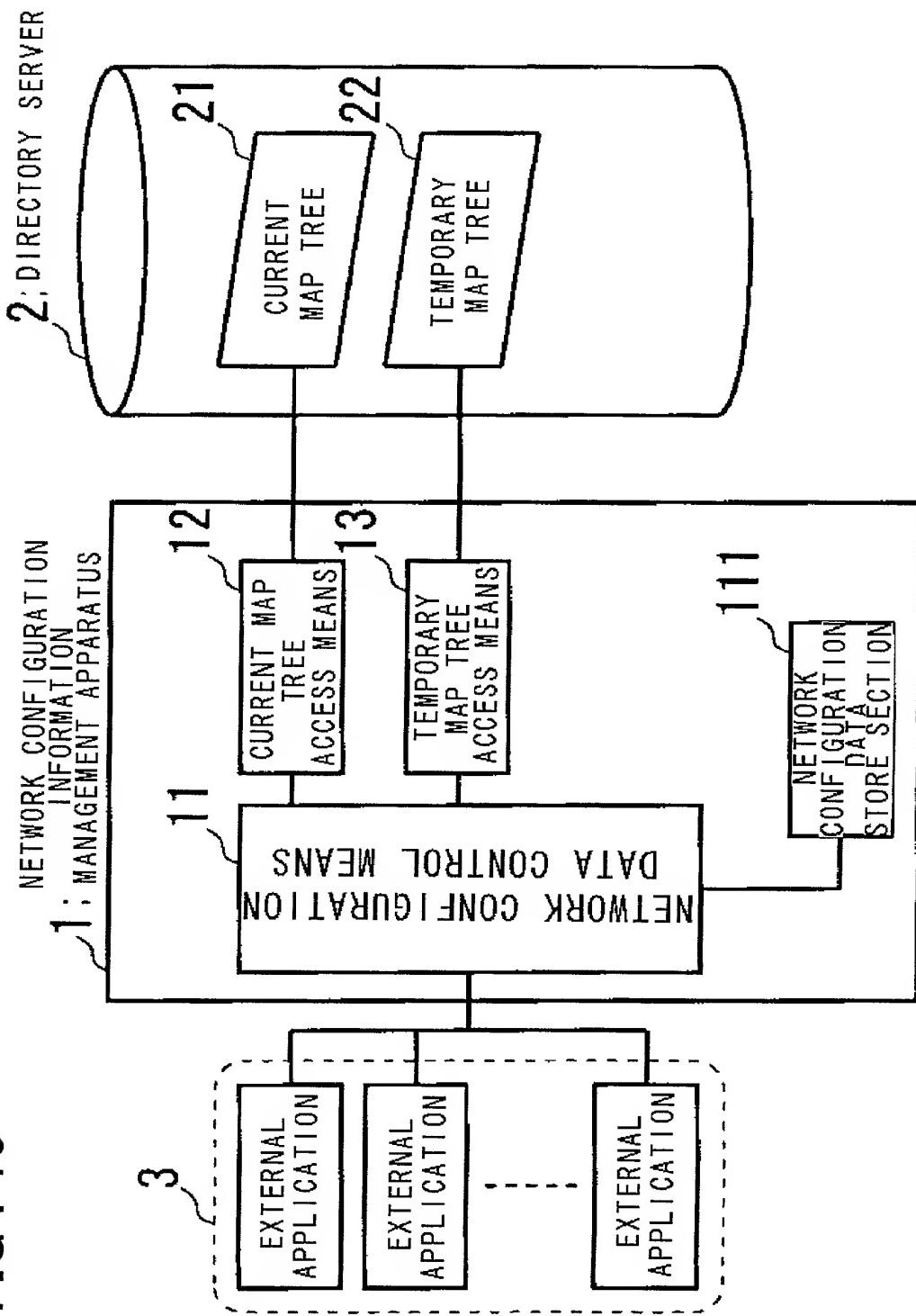


FIG . 14

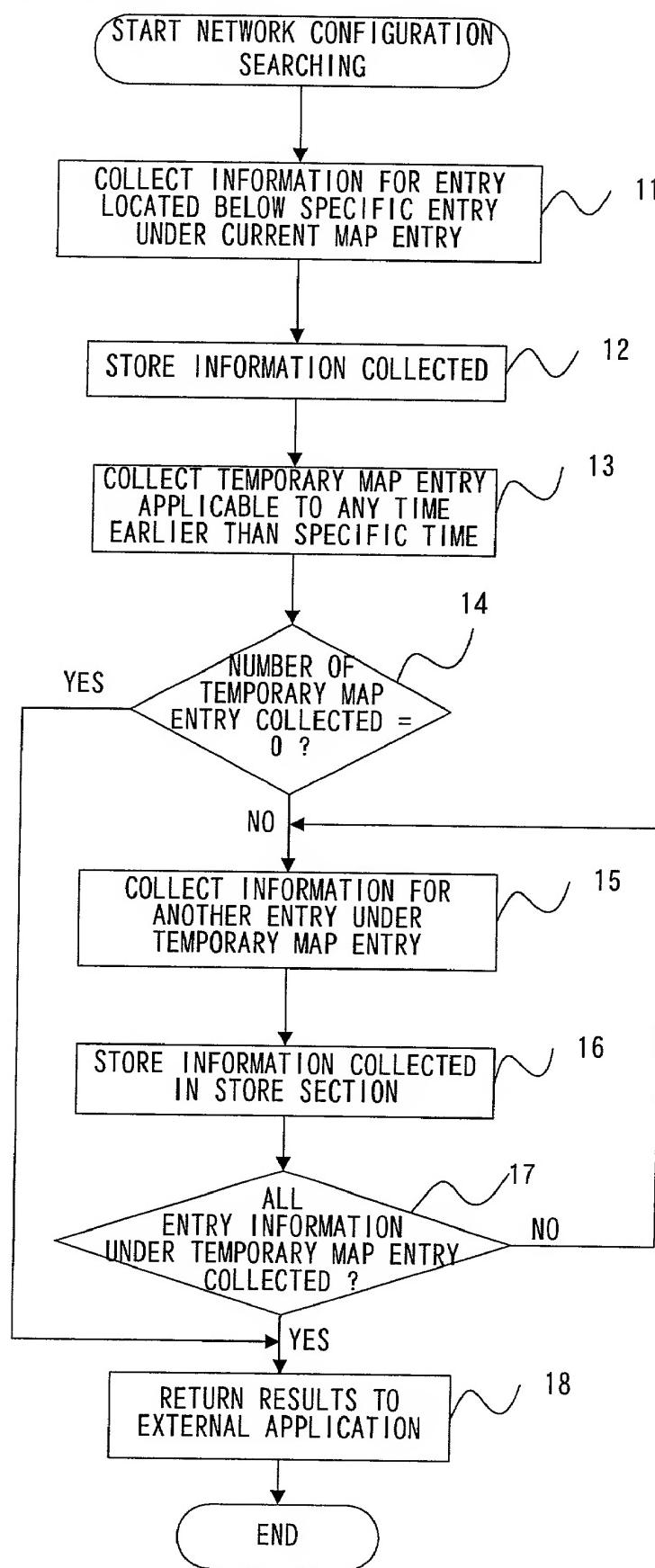


FIG. 15

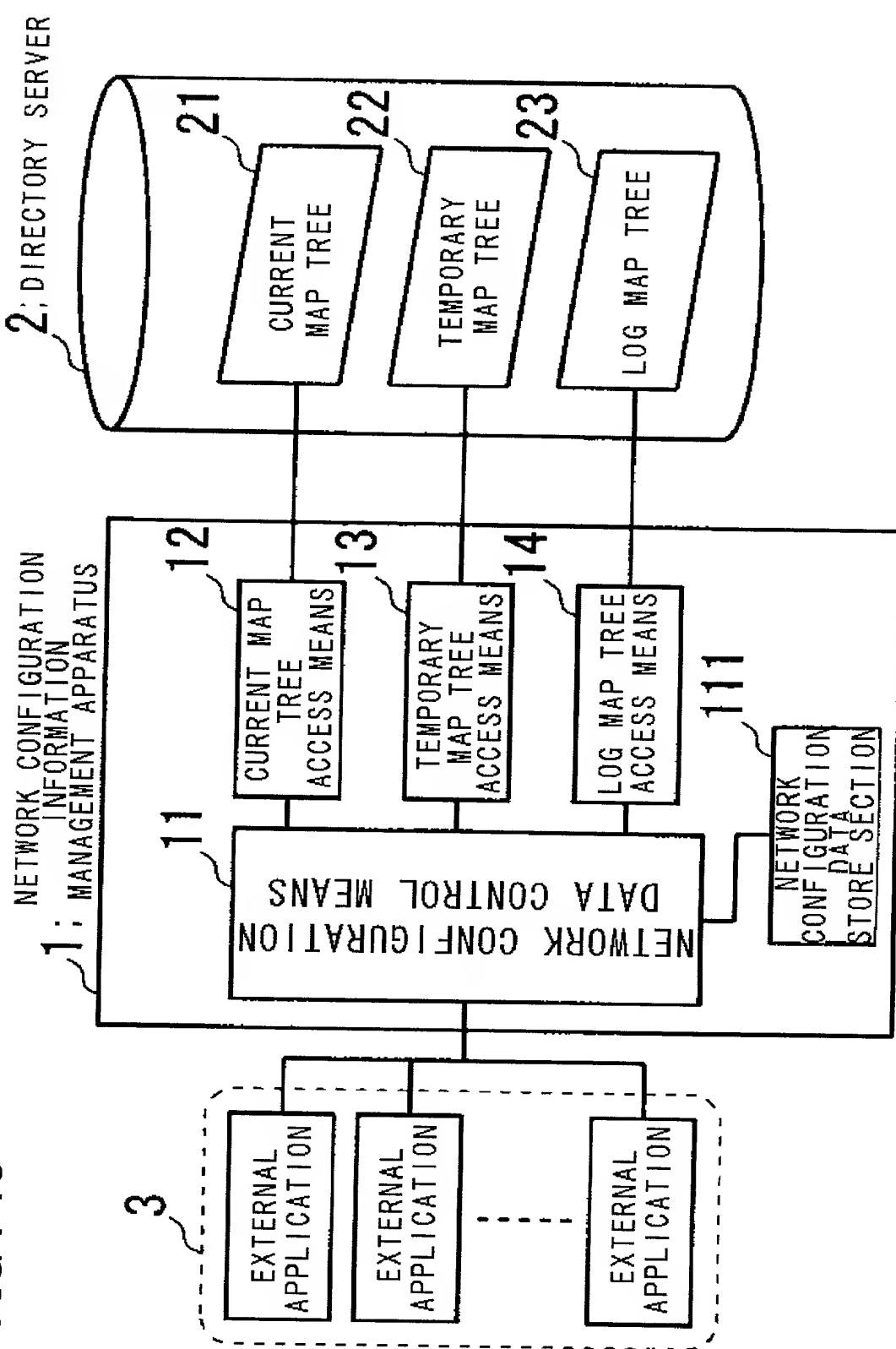


FIG . 16(a)  
LOG MAP CLASS

IDENTIFIER
MAP NAME
MAP TYPE
LOG MAP GENERATE TIME

FIG . 16(b)

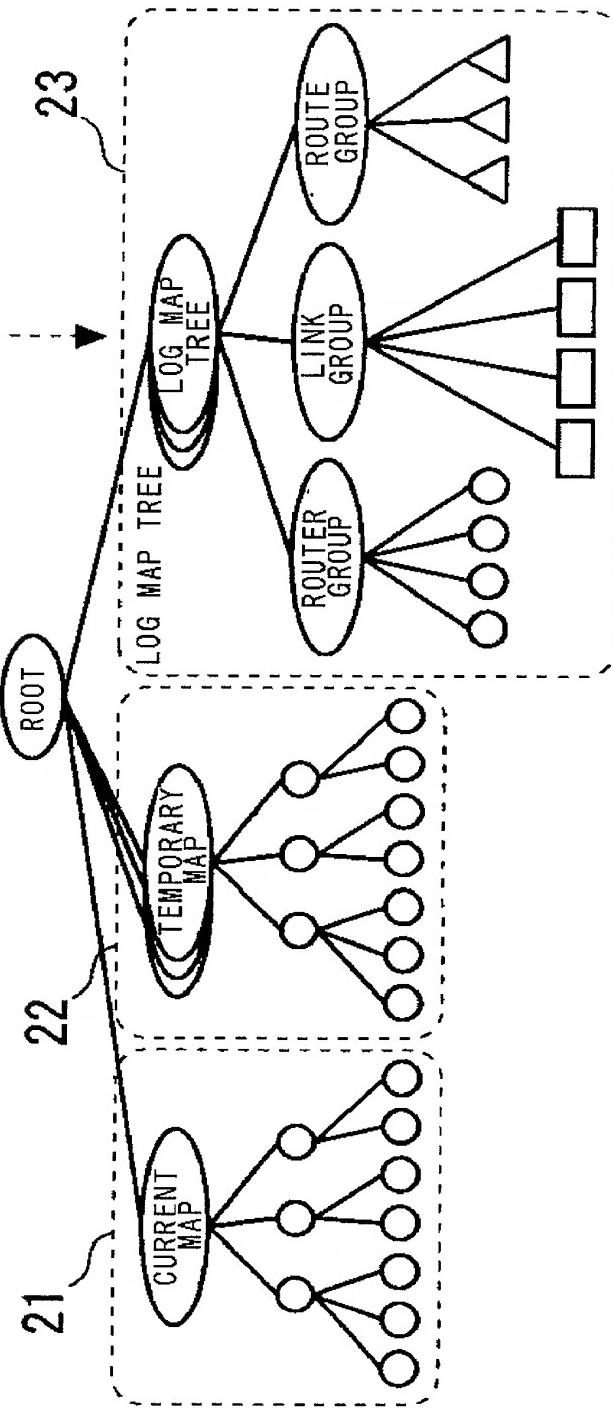


FIG . 17(a)

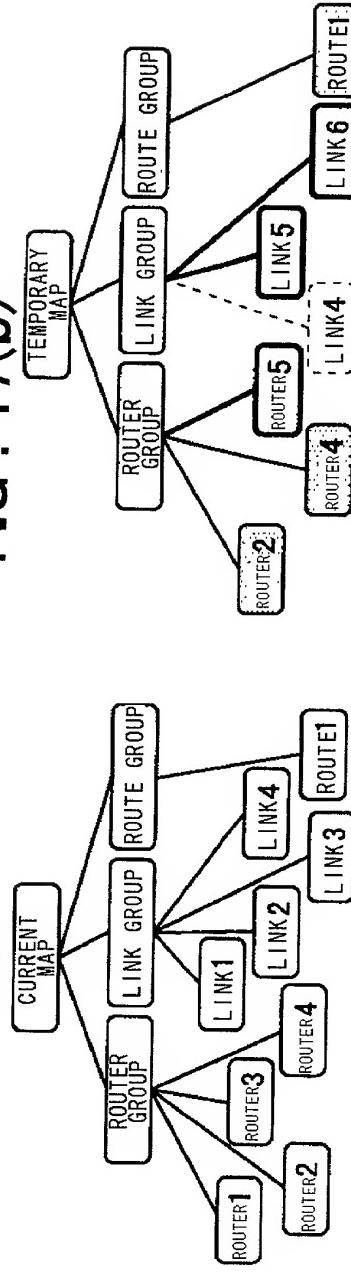


FIG . 17(b)

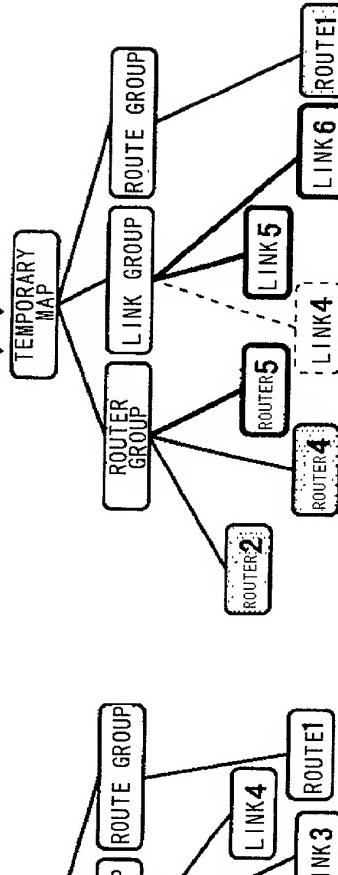


FIG . 17(a')

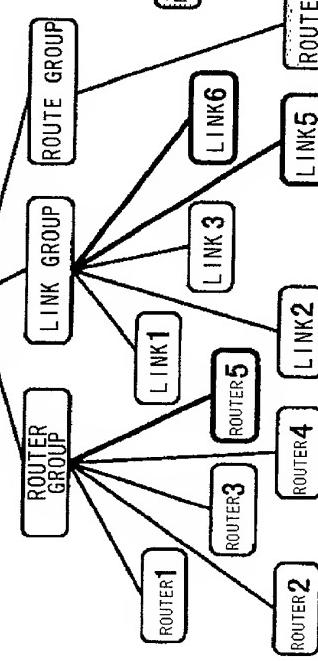
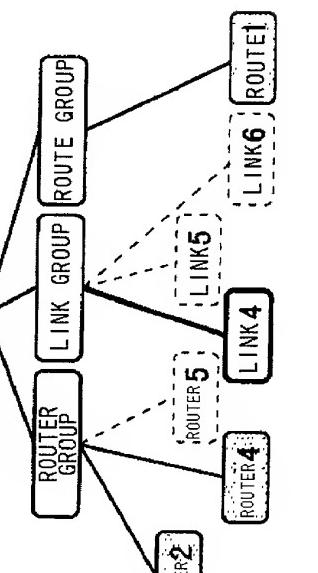
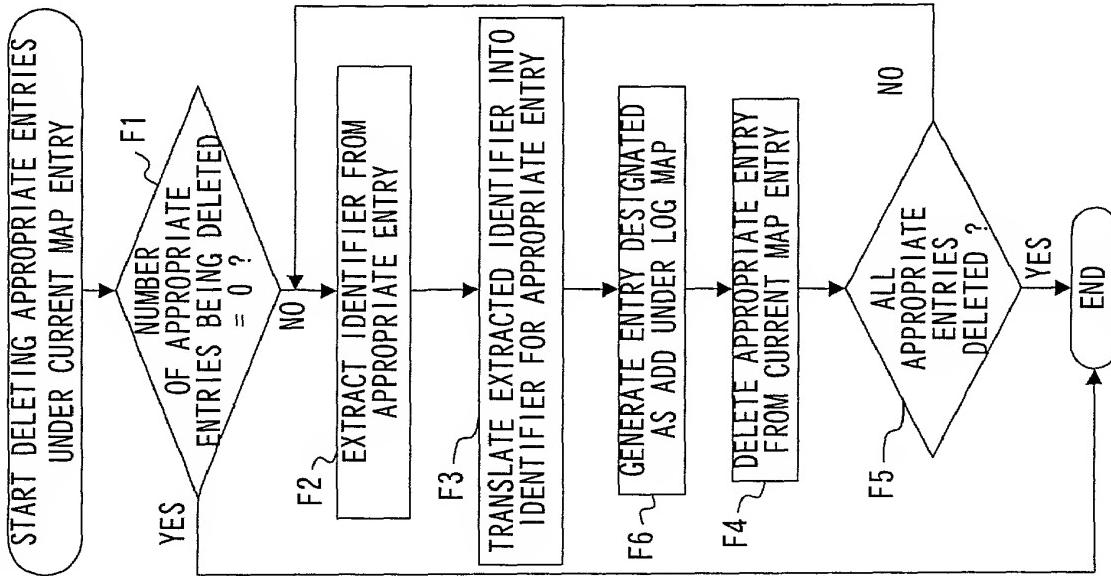
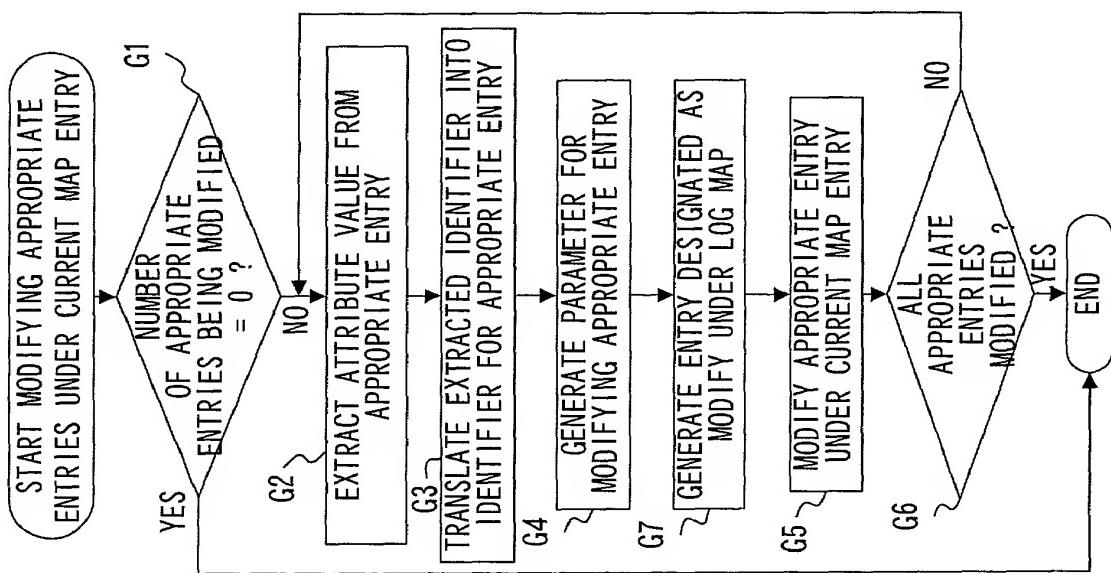
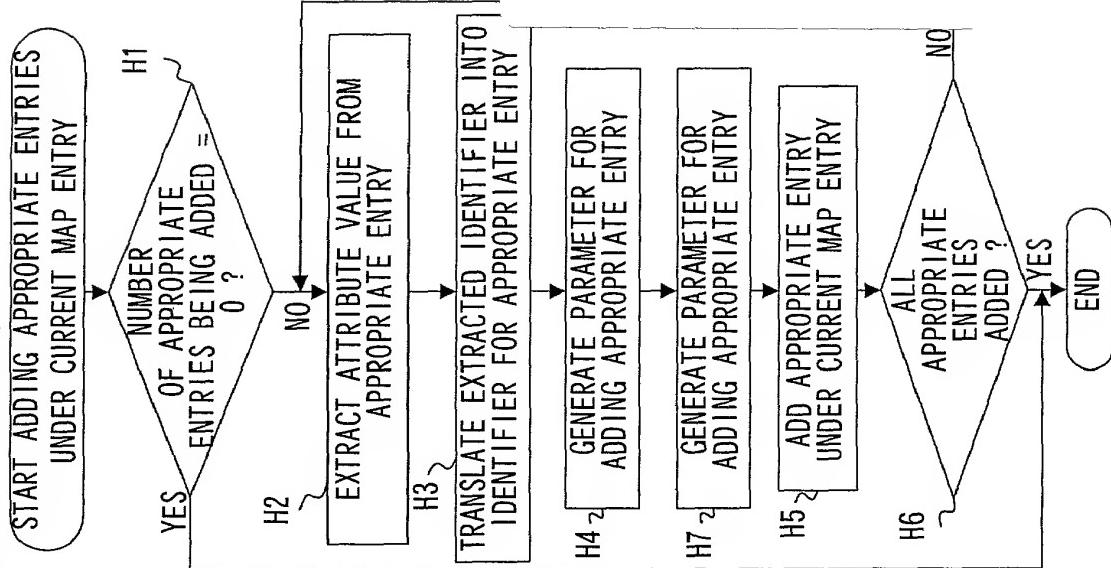
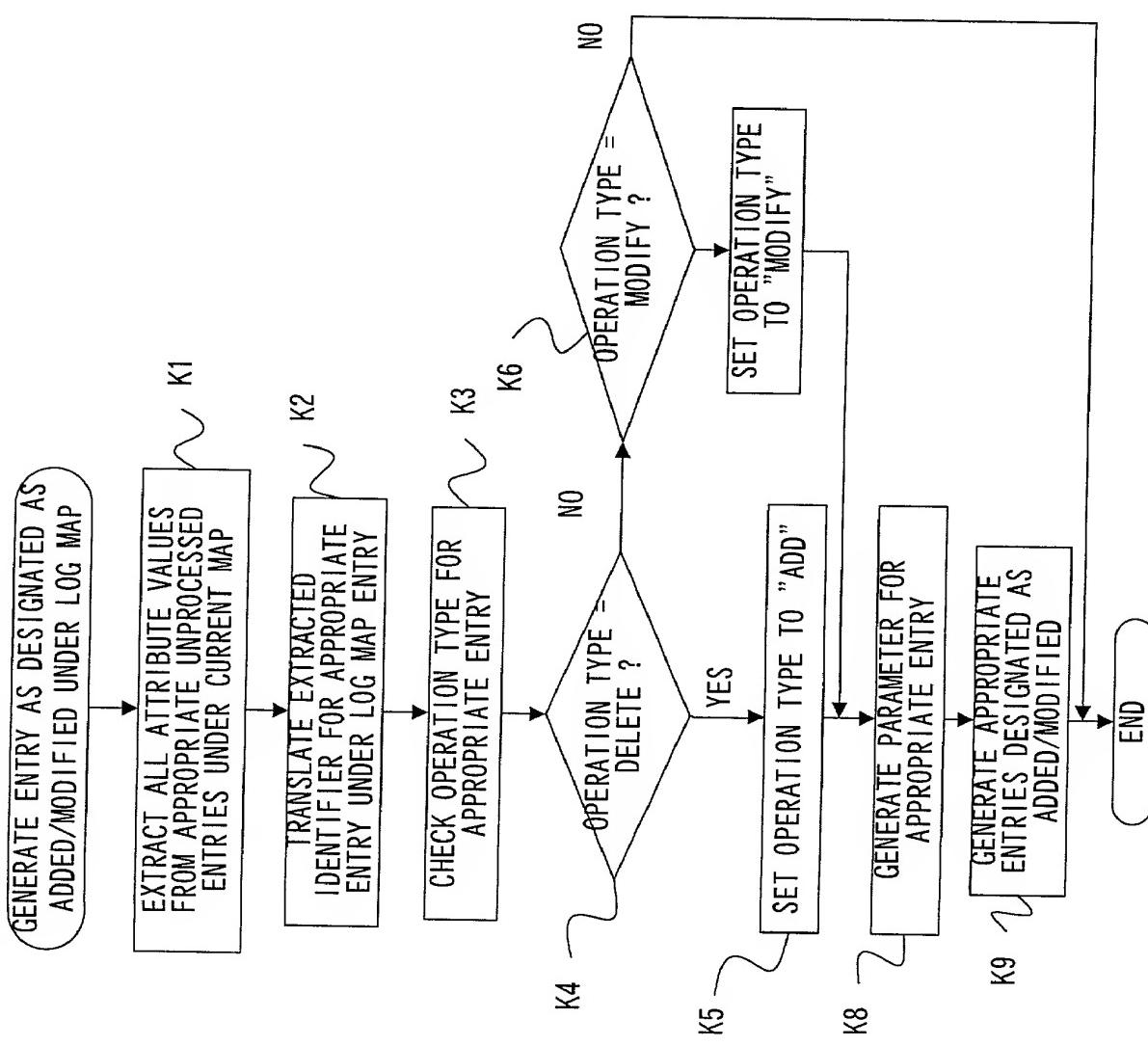


FIG . 17(c)



**FIG . 18(a)****FIG . 18(b)****FIG . 18(c)**

**FIG . 19(a)**



**FIG . 19(b)**

